

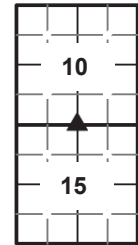
# MONUMENT RECORD

Corner ID: **Per\_009**

**Quarter Corner**

Sections 10 & 15- T08N-R01W, 2nd P.M.

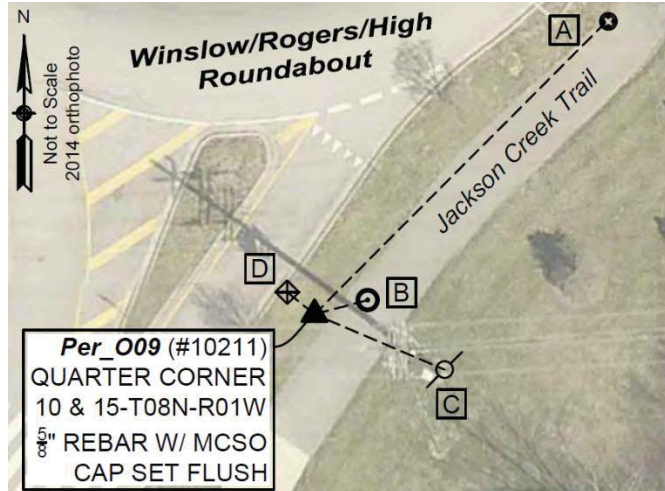
Perry Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 24" rebar with 0.2' aluminum cap stamped "MONROE CO SURVEYOR" set flush to replace the 1/2" x 12" smooth iron pin with 1-1/2" brass cap that was found loose in the ground 0.2' below grade.

## MONUMENT LOCATION SKETCH:



**WITNESS MONUMENT TIES:** Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence.

All ties to new Bearing Trees (BT's) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	N 45° E	73.9'	Cut X 0.7' a.g. in southwest side of the 20" diameter concrete base of light post
B	N 75° 04' 15" E	9.88'	Found 1/2" smooth iron pin with 1-1/2" brass cap in brass plate flush in asphalt sidewalk
C	S 67° E	25.4'	Mag nail and flagging found 0.6' above grade in the south side of 15" PSI utility pole #814-4382 with Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3.7' above grade on the west side of the pole
D	N 51° W	6.3'	Cut X in the center back of curb

## PHOTO IDENTIFIED: Photo Date: 08/15/2019



Photo Orientation & Description: Looking southeast at Per\_009. Corner is in the grass strip under an orange spray paint can



Photo Orientation & Description: Looking northeast at Per\_009. Corner is in the grass strip under an orange spray paint can



OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • surveyoroffice@co.monroe.in.us

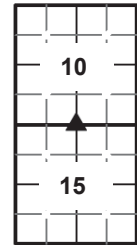
Page 1 of 3

# MONUMENT RECORD

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## Quarter Corner

Sections 10 & 15- T08N-R01W, 2nd P.M.  
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### EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

#### ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1816 By: Arthur Henrie

Where filed or recorded: MCSO GLO Book, page 53

Original monument: Wooden Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Buckeye	10"	S 17° W	9.9'
Sugar	4"	N 31° E	9.9'

#### SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/5/1856 By: James Spencer, MCS

Where filed or recorded: MCS LSB 1, pg 309

Original monument: Not indicated

Bearing Trees or Reference Monuments: No witnesses

Notes: Corner is graphically depicted on survey but not mentioned

### OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

Date	RSID	Surveyor	Description	Source	Cabinet/Book	Pg	InstNo
11/5/1856	003019	Spencer, James	Legal Survey in 9 & 10	Surveyor's Office	MCSO Survey Book 1	309	
9/19/1972	002808	Brunnemer, Robert W.	Southampton Second Addition 11.50 acres	Recorder's Office	Plat Cabinet B	193	57563
7/11/1985	000130	Smith, Stephen L.	Andrew C Mallor Associates Mr. and Mrs. Edgar Terrell	Surveyor's Office	MCSO Survey Book 4	4	
3/10/1987	002848	Smith, Stephen L.	Boundary survey for Martin/Forney	Auditor's Office	Survey Drawers (Auditor)		
6/22/1990	000789	Dankert, James E.	I.L.T.A Minimum Standards Survey of Kathy & Thomas Canada property Client: Evan L Noyes, Jr.	Recorder's Office	Horizontal Plat Cabinet	96	009426
12/7/2018	002044	Healy, Matthew R.	Location Control Route Survey Line "R"	Recorder's Office	Filed digitally in the Recorder's Office		2018016709.IN
12/26/2018	002054	Allen, Corey D.	Location Route Control Survey for Jackson Creek Trail Project	Recorder's Office	Filed digitally in the Recorder's Office		2018017170.IN

The current monument is a 5/8" x 24" rebar with 0.2' aluminum cap stamped "MONROE CO SURVEYOR" set flush to replace the 1/2" x 12" smooth iron pin with 1-1/2" brass cap that was found loose in the ground 0.2' below grade. The 1/2" iron pin was found within half a foot of the calculated position of a former pk nail and a former railroad spike. The various monuments at this corner can be explained by the construction of the Jackson Creek Trail and the roundabout at High Street, but the origin of the initial railroad spike is unknown. Let's call this location O09-1.

On his 1985 legal survey on file in MCSO Survey Book 4, page 4, Stephen Smith calculated this corner on the split between M09 and Q09, both of which are stable monuments that are still in place. Let's call this location O09-2. Smith also indicated that the corner was in the centerline of High Street. With the addition of a roundabout, the south end of High Street has changed since 1985. However, it appears that a split would put the north/south center of Section 10 along the west edge of pavement of High Street.

On a 1987 survey on file in the MCSO as RSID002848, Smith appears to have accepted the monument at O09-1. The corner is not specifically labeled on the 1987 survey, but the line it is on is labeled as the West line of the SW/4 of the SE/4 of Section 10.

James Dankert (for Paul Cripe Inc.) recorded a very thorough ILTA survey in 1990, in which he broke down all of Section 15 with the exception of the W/2 of the NW/4. Dankert found and accepted a railroad spike at O09-1. He also found a 1/2" iron pipe with an aluminum cap of unknown origin 2.5' north and 9.6 feet east of the railroad spike. Let's call this location O09-3. We found a 1/2" smooth iron pin with 1-1/2" brass cap in brass plate flush in asphalt sidewalk at location O09-3 in 2019. The Dankert survey was performed before construction of the roundabout, and he noted that location O09-3 was essentially in line with the centerline of pavement of High Street extended south. We're in agreement with Dankert, location O09-3 is the best fit with the extension of the centerline of High Street.

In 1997, Monroe County Surveyor Kevin Enright witnessed a found railroad spike per the Dankert survey, but from the one remaining tie, he appears to have mistakenly referenced location O09-3. The monument was accepted by the Surveyor Review Board in 1997. Enright returned to the area in July, 2010 and took witnesses from both location O09-1 and O09-3, but the Monument Record (along with the approved 1997 record) is classified as pending. We do not know if the 2010 Monument Record was presented to the Surveyor Review Board.





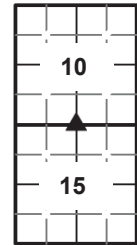
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The only record we could find of a surveyor accepting location O09-3 was the 2018 route survey by Matthew Healy recorded as Instrument Number 2018016709. Healy did not contact our office, so he did not have a copy of the pending monument record for location O09-1. The monument at location O09-3 is very obvious and he appears to have accepted it for the purposes of the route survey.

Corey Allen accepted location O09-1 on his 2018 route survey recorded as Instrument Number 2018017170, and he also used it to establish the monument at the Center of Section 10.

### ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: *Include, search area or areas, search procedure, etc.*

*Date of Field work/Search:* 08/15/2019 *By:* R.Oser, T.Enright-Randolph, C.Raley *Monument Found:* 1/2" smooth iron pin with attached 1-1/2" brass cap *BTs or Reference Objects Found:* Found all witnesses from 2010 draft monument record *Project #:* T08NR01W-09-10 *Field Book:* 53/55 *Notes:* 1/2" IP was loose in the ground so we replaced it with a 5/8" rebar.

### OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The corner is the grass strip on the south side of the roundabout at the intersection of Winslow Road, Rogers Road, and High Street.

### MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

We replaced the 1/2" iron pin with a 5/8" rebar and MCSO cap.

### THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

We accepted the 5/8" rebar with MCSO cap as the best evidence of the corner with 9.6 feet of associated uncertainty.

**GEODETIC COORDINATES:** *Northing:* 1416500.58, *Easting:* 3115903.23

**BASIS OF GEODETIC COORDINATES:** The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83\_NO\_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Distances obtained with GPS have not been adjusted to ground. Coordinate data was collected with a Javad Triumph LS Network Rover and a Sokkia Set 510 Total Station.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 10-T8N-R1W by Rachel Oser of the Monroe County Surveyor's Office dated 09/16/2019 and recorded as Instrument Number 2019013499 in the office of the Monroe County Recorder.

### CERTIFICATIONS:



Date: September 16, 2019  
Rachel Oser, State of Indiana  
PS No.21100022



Date: September 12, 2019  
Trohn Enright-Randolph  
Monroe County Surveyor



Accepted by the Monroe  
County Surveyor Review  
Board on September 10, 2019

